

客户图

NOTES:

- 1.FINISH:
 - 1.1 HOUSING: LCP BLACK,UL94V-0.
 - 1.2 CONTACT: C5210, INTEGRAL NICKEL BASE 50u"MIN, GOLD (SEE P/N) PLATED.
2. ELECTRICAL:
 - 2.1 CURRENT RATING: 3Amp.
 - 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MINUTE.
 - 2.3 CONTACT RESISTANCE: 20mΩ MAX.
 - 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
 - 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.
- 3.ALL MATERIALS MUST BE ROHS MATERIALS
- 4.ORDER INFORMATION:

61HD- F 160 S4 101 C 01

F=母座—

Pin 数码
SEE TABLE

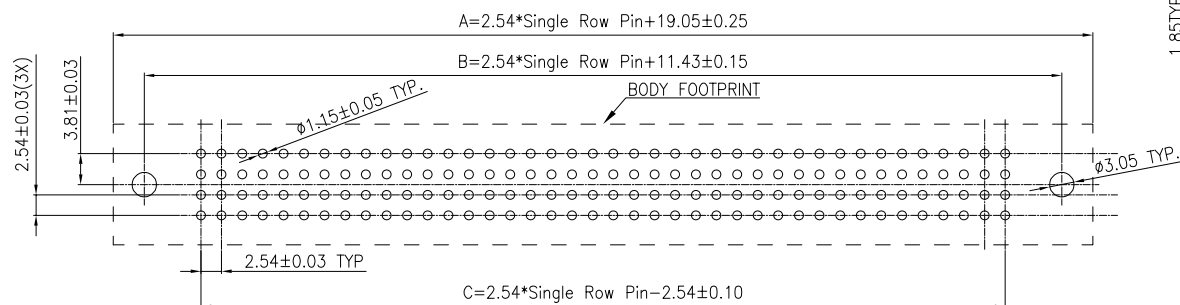
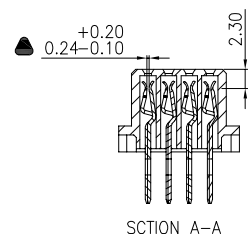
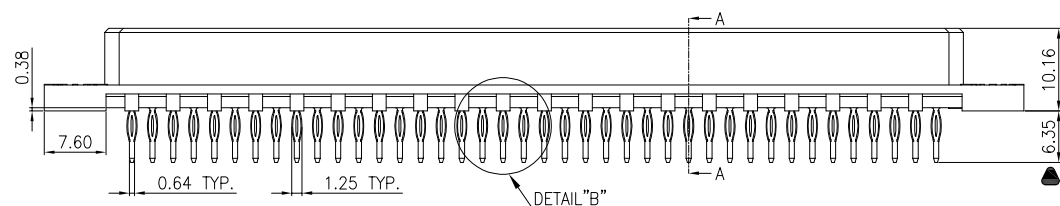
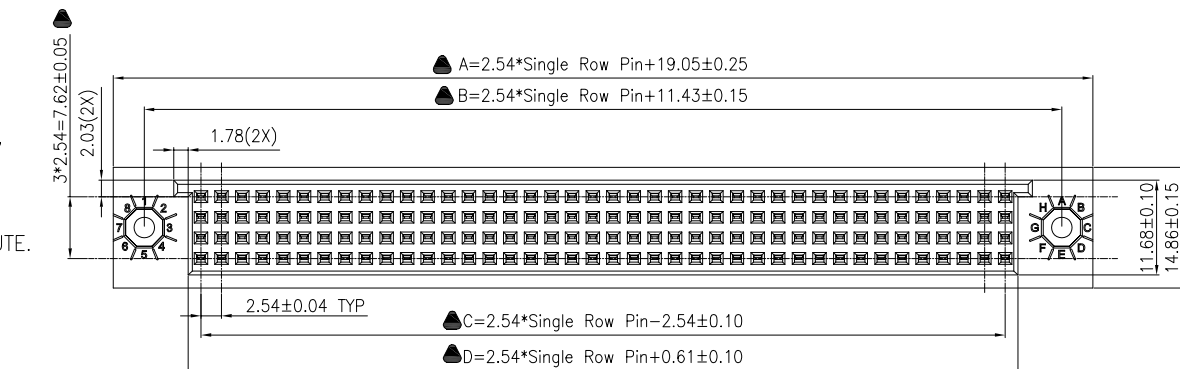
端子电镀:
S0=Gold Flash
S1=1u" Gold
S2=3u" Gold
S3=5u" Gold
S4=10u" Gold
S5=15u" Gold
S6=30u" Gold

塑胶高度：
101=10.16mm

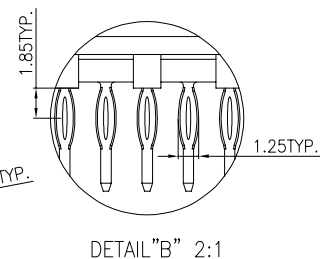
包装方式:
C=TRAY

TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	95.25	87.63	73.66	76.81
128=4x32PIN	100.33	92.71	78.74	81.89
140=4x35PIN	107.95	100.33	86.36	89.51
160=4x40PIN	120.65	113.03	99.06	102.21
180=4x45PIN	133.35	125.73	111.76	114.91
200=4x50PIN	146.05	138.43	124.46	127.61
220=4x55PIN	158.75	151.13	137.16	140.31
240=4x60PIN	171.45	163.83	149.86	153.01
260=4x65PIN	184.15	176.53	162.56	165.71
280=4x70PIN	196.85	189.23	175.26	178.41



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05



					OPERATION		DRAW		Mr.Zeng		2025.10.07		SOLEPIN 东莞市硕品电子有限公司 PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.					
					X.X	±0.40	DESIGN		Mr.Zeng		2025.10.07							
					X.XX	±0.25	CHECK		Mr.Deng		2025.10.07		SIZE	A4	PART NO.	61HD- F 160 S4 101 C 01		
A0		NEW	——	——	X.XXX	±0.15	APPROVE		Mr.Wang		2025.10.07		SHEET	1/1	TITLE:	61HD_2. 54mm 欧式插座 DIP 180°		
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle	±3'												
					DIM.	TOL	UNIT		mm		SCALE		1:1		PROJ.		DRAW NO.	SP-1727

客户图

NOTES:

1. FINISH:
 - 1.1 HOUSING: LCP BLACK,UL94V-0.
 - 1.2 CONTACT: C5210, GOLD (SEE P/N) PLATED IN CONTACT AREA, 80u" MIN MATTE TIN PLATED IN SOLDER AREA, 50u" MIN. NICKEL UNDERPLATED OVERALL.
2. ELECTRICAL:
 - 2.1 CURRENT RATING:3Amp;
 - 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/DC.
 - 2.3 CONTACT RESISTANCE: 20mΩ MAX.
 - 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
 - 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.
3. ALL MATERIALS MUST BE ROHS MATERIALS
4. ORDER INFORMATION:

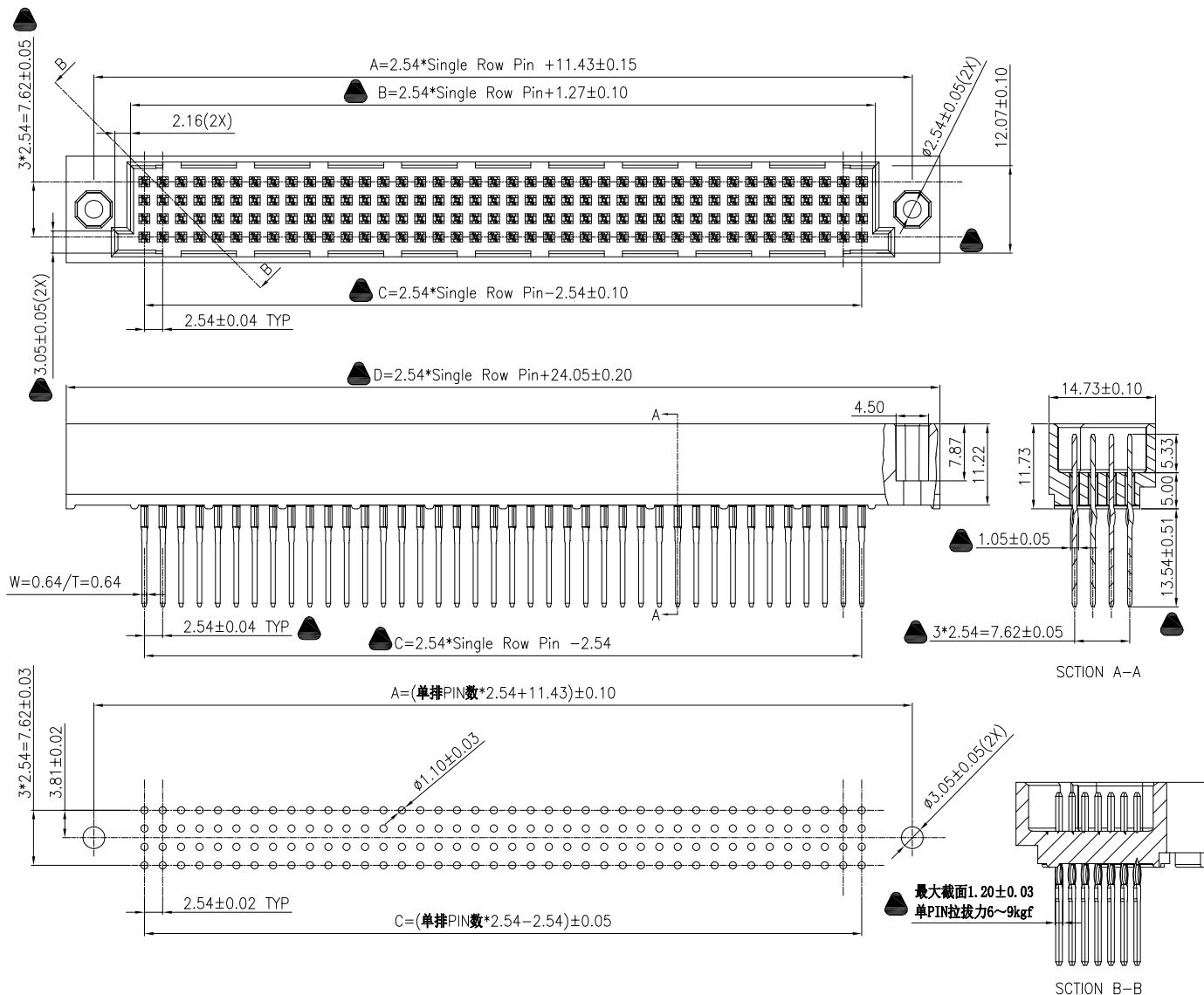
61HD- M 160 S4 164 C 01

M公头 —

Pin 数码	端子电镀:	塑胶高度:	包装方式:
SEE TABLE	S0=Gold Flash/Tin	164=16.40mm	C=TRAY
006=2*3PIN	(半金锡)		
~	S1=1u" Gold/Tin		
100=2*50PIN	S2=3u" Gold/Tin		
	S3=5u" Gold/Tin		
	S4=10u" Gold/Tin		
	S5=15u" Gold/Tin		
	S6=30u" Gold/Tin		

TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	87.63	77.47	73.66	95.25
128=4x32PIN	92.71	82.55	78.74	100.33
140=4x35PIN	100.33	90.17	86.36	107.95
160=4x40PIN	113.03	102.87	99.06	120.65
180=4x45PIN	125.73	115.57	111.76	133.35
200=4x50PIN	138.43	128.27	124.46	146.05
220=4x55PIN	151.13	140.97	137.16	158.75
240=4x60PIN	163.83	153.67	149.86	171.45
260=4x65PIN	176.53	166.37	162.56	184.15
280=4x70PIN	189.23	179.07	175.26	196.85



					OPERATION		DRAW		Mr.Zeng		2025.09.11		SOLEPIN 东莞市硕品电子有限公司 PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
					X.X	±0.40	DESIGN		Mr.Zeng		2025.09.11					
					X.XX	±0.25	CHECK		Mr.Deng		2025.09.11		SIZE	A4	PART NO.	61HD- M 160 S4 164 C 01
A0		NEW			X.XXX	±0.15	APPROVE		Mr.Wang		2025.09.11		SHEET	1/1	TITLE:	61HD_2. 54mm 欧式插座 DIP 180°
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	Angle	±3°							PROJ.		DRAW NO.	SP-1635
					DIM.	TOL	UNIT		mm	SCALE	1:1					

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: C5210, INTEGRAL NICKEL BASE 50u"MIN, GOLD (SEE P/N) PLATED.

2. ELECTRICAL:

- 2.1 CURRENT RATING: 3Amp.
- 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MINUTE.
- 2.3 CONTACT RESISTANCE: 20mΩ MAX.
- 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
- 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.

3.ALL MATERIALS MUST BE ROHS MATERIALS

4.ORDER INFORMATION:

61HDR- F 160 S4 116 C 01

F=母座

Pin数码

SEE TABLE

006=2*3PIN

~

100=2*50PIN

端子电镀:

S0=Gold Flash

S1=1u" Gold

S2=3u" Gold

S3=5u" Gold

S4=10u" Gold

S5=15u" Gold

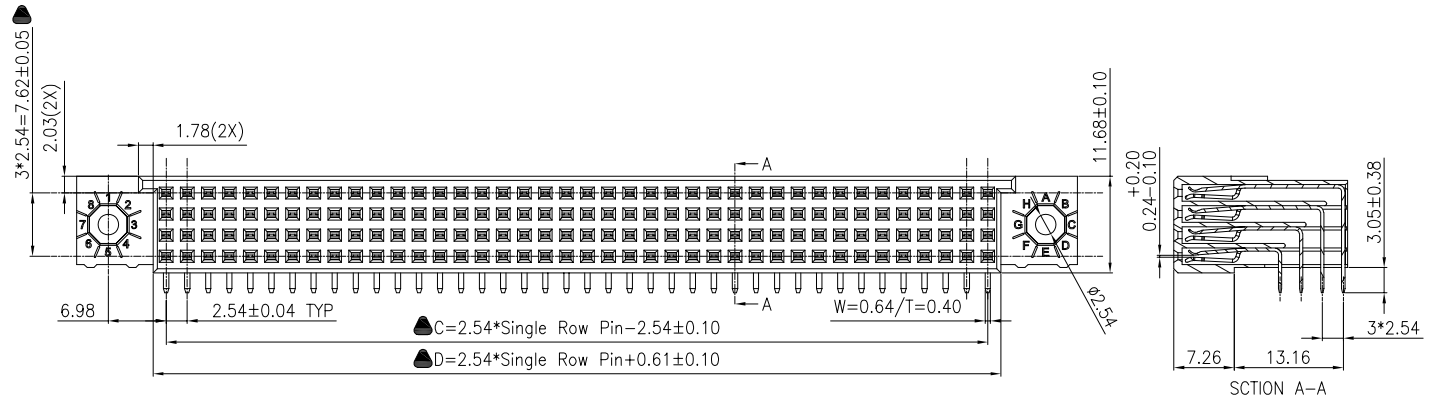
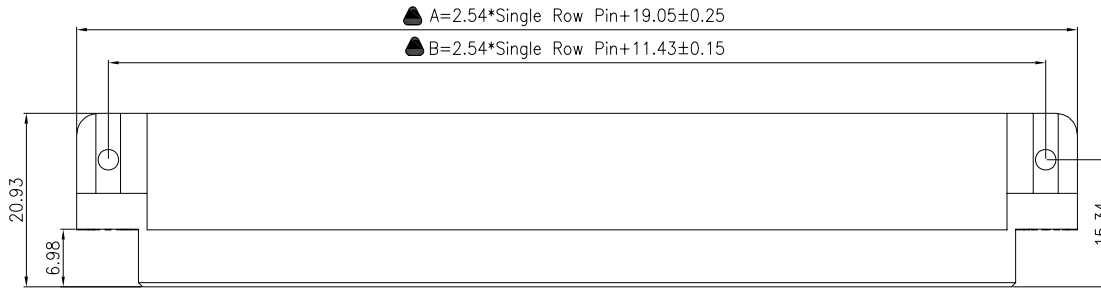
S6=30u" Gold

塑胶高度:

116=11.68mm

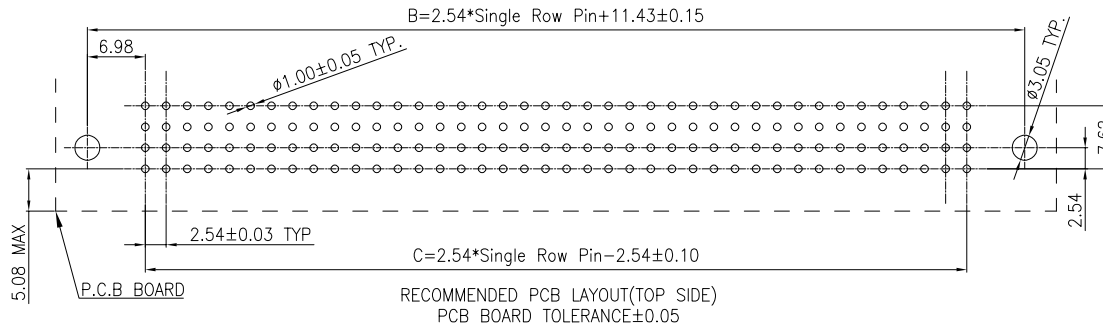
包装方式:

C=TRAY



TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	95.25	87.63	73.66	76.81
128=4x32PIN	100.33	92.71	78.74	81.89
140=4x35PIN	107.95	100.33	86.36	89.51
160=4x40PIN	120.65	113.03	99.06	102.21
180=4x45PIN	133.35	125.73	111.76	114.91
200=4x50PIN	146.05	138.43	124.46	127.61
220=4x55PIN	158.75	151.13	137.16	140.31
240=4x60PIN	171.45	163.83	149.86	153.01
260=4x65PIN	184.15	176.53	162.56	165.71
280=4x70PIN	196.85	189.23	175.26	178.41



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05

OPERATION

X.X ±0.40

X.XX ±0.25

X.XXX ±0.15

Angle ±3°

DIM. TOL

DRAW

DESIGN

CHECK

APPROVE

UNIT

mm

Mr.Zeng

Mr.Zeng

Mr.Deng

Mr.Wang

SCALE

1:1

2025.10.07

2025.10.07

2025.10.07

2025.10.07

SHEET

PROJ.

SOLEPIN 东莞市硕品电子有限公司
PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.

SIZE A4 PART NO. 61HDR- F 160 S4 116 C 01

TITLE: 61HDR_2.54mm 欧式插座 DIP 90°

DRAW NO. SP-1728

NEW

MODIFICATION DESCRIPTION

CHANGE

APPROVE

A0

DATE

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: C5210, INTEGRAL NICKEL BASE 50u"MIN, GOLD (SEE P/N) PLATED.

2. ELECTRICAL:

- 2.1 CURRENT RATING: 3Amp.
- 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MINUTE.
- 2.3 CONTACT RESISTANCE: 20mΩ MAX.
- 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
- 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.

3.ALL MATERIALS MUST BE ROHS MATERIALS

4.ORDER INFORMATION:

61HD- M XXX SX 164 C 02

M公头

Pin数码

SEE TABLE

006=2*3PIN

~

100=2*50PIN

端子电镀:

S0=Gold Flash

S1=1u" Gold

S2=3u" Gold

S3=5u" Gold

S4=10u" Gold

S5=15u" Gold

S6=30u" Gold

塑胶高度:

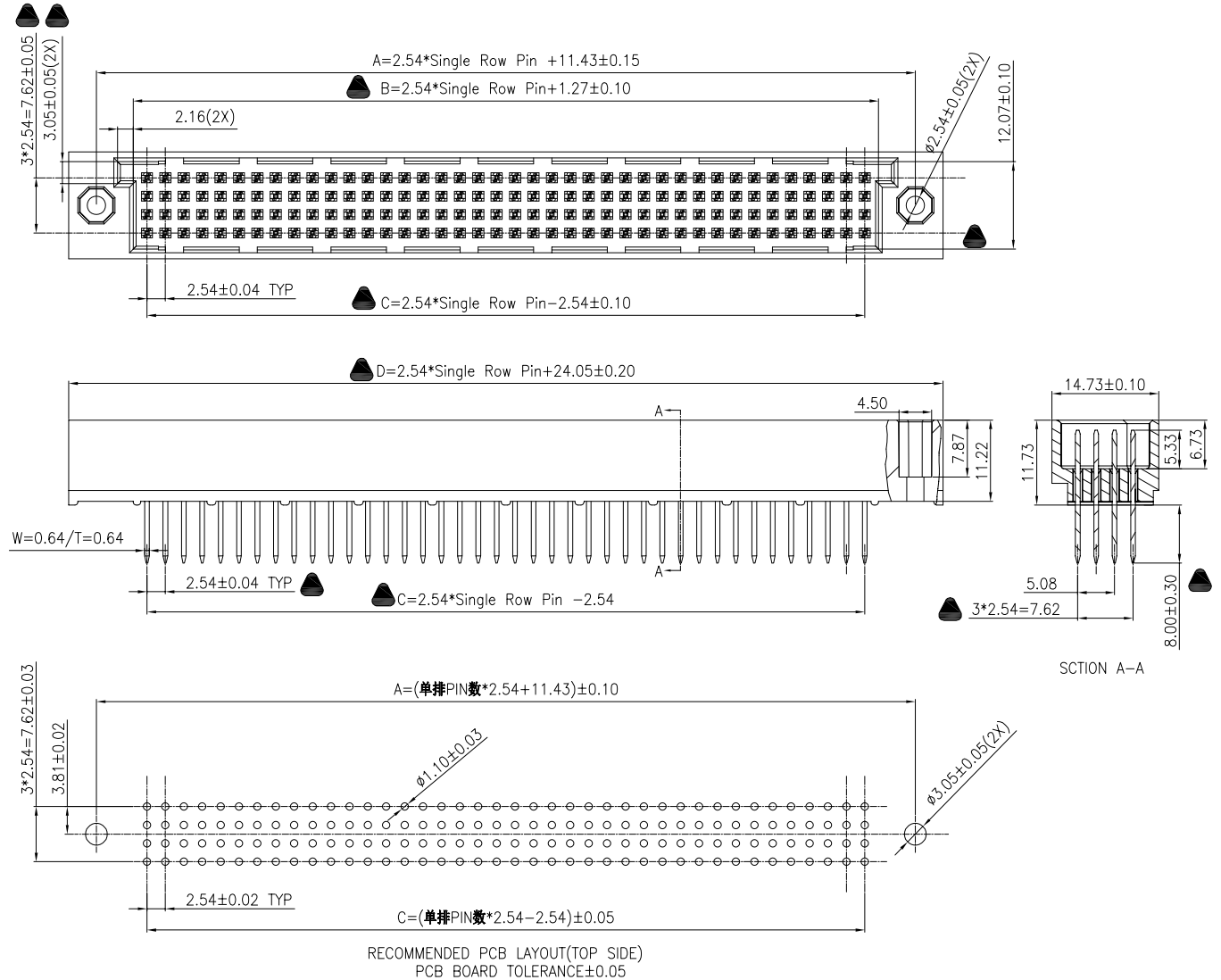
164=16.40mm

包装方式:

C=TRAY

TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	87.63	77.47	73.66	95.25
128=4x32PIN	92.71	82.55	78.74	100.33
140=4x35PIN	100.33	90.17	86.36	107.95
160=4x40PIN	113.03	102.87	99.06	120.65
180=4x45PIN	125.73	115.57	111.76	133.35
200=4x50PIN	138.43	128.27	124.46	146.05
220=4x55PIN	151.13	140.97	137.16	158.75
240=4x60PIN	163.83	153.67	149.86	171.45
260=4x65PIN	176.53	166.37	162.56	184.15
280=4x70PIN	189.23	179.07	175.26	196.85



OPERATION

X.X ±0.40

X.XX ±0.25

X.XXX ±0.15

Angle ±3°

DIM. TOL

DRAW

DESIGN

CHECK

APPROVE

UNIT

Mr.Zeng

Mr.Zeng

Mr.Deng

Mr.Wang

mm

2025.09.11

2025.09.11

2025.09.11

2025.09.11

SCALE

SOLEPIN 东莞市硕品电子有限公司
PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.

SIZE A4 PART NO. 61HD- M XXX SX 164 C 02

SHEET 1/1 TITLE: 61HD_2.54mm 欧式插座 DIP 180° 外露8.00mm

PROJ. DRAW NO. SP-2090

AO

REV

1

2

3

4

5

6

7

8

9

10

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: C5210, INTEGRAL NICKEL BASE 50u"MIN, GOLD (SEE P/N) PLATED.

2. ELECTRICAL:

- 2.1 CURRENT RATING: 3Amp.
 - 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MINUTE.
 - 2.3 CONTACT RESISTANCE: 20mΩ MAX.
 - 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
 - 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.
- 3.ALL MATERIALS MUST BE ROHS MATERIALS
- 4.ORDER INFORMATION:

61HDR-M XXX SX 147 C 01

M公头

Pin数码

SEE TABLE

006=2*3PIN

~

100=2*50PIN

端子电镀:

S0=Gold Flash

S1=1u" Gold

S2=3u" Gold

S3=5u" Gold

S4=10u" Gold

S5=15u" Gold

S6=30u" Gold

塑胶高度:

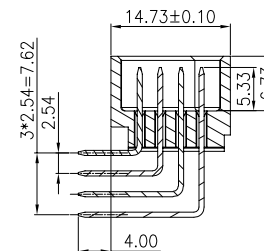
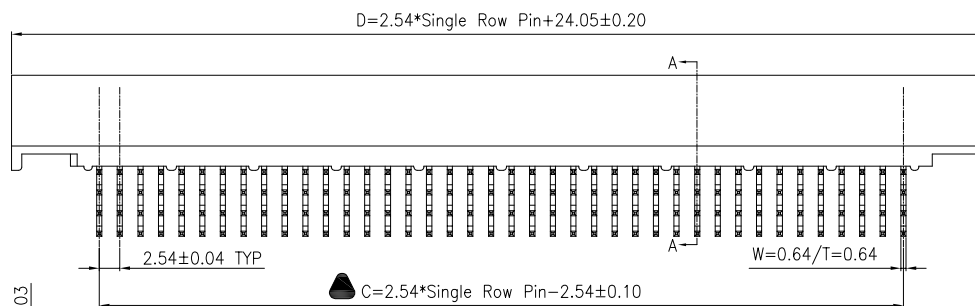
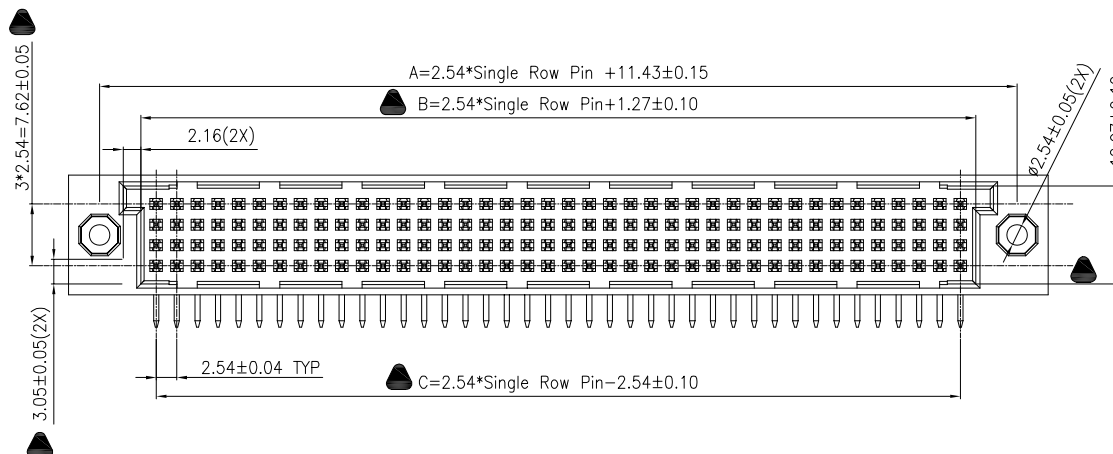
147=14.73mm

包装方式:

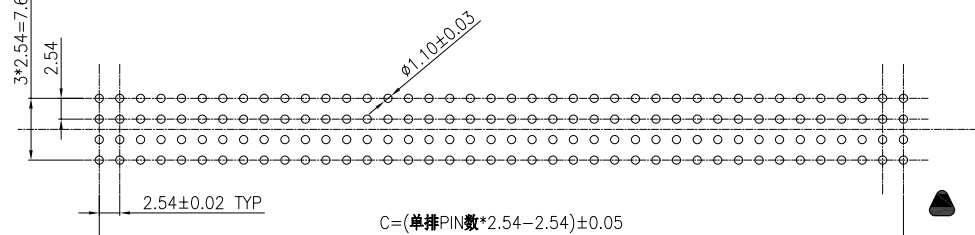
C=TRAY

TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	87.63	77.47	73.66	95.25
128=4x32PIN	92.71	82.55	78.74	100.33
140=4x35PIN	100.33	90.17	86.36	107.95
160=4x40PIN	113.03	102.87	99.06	120.65
180=4x45PIN	125.73	115.57	111.76	133.35
200=4x50PIN	138.43	128.27	124.46	146.05
220=4x55PIN	151.13	140.97	137.16	158.75
240=4x60PIN	163.83	153.67	149.86	171.45
260=4x65PIN	176.53	166.37	162.56	184.15
280=4x70PIN	189.23	179.07	175.26	196.85



SECTION A-A



RECOMMENDED PCB LAYOUT(TOP SIDE)
PCB BOARD TOLERANCE±0.05

					OPERATION	DRAW	Mr.Zeng	2025.09.11	SOLEPIN 东莞市硕品电子有限公司 PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
					X.X ±0.40	DESIGN	Mr.Zeng	2025.09.11				
					X.XX ±0.25	CHECK	Mr.Deng	2025.09.11				
					X.XXX ±0.15	APPROVE	Mr.Wang	2025.09.11				
AO			NEW		Angle ±3°				SHEET	1/1	TITLE:	61HDR_2.54mm 欧式插座 卧式DIP 90°
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM. TOL	UNIT	mm	SCALE	1:1	PROJ.	DRAW NO.	SP-2086

客户图

NOTES:

1.FINISH:

- 1.1 HOUSING: LCP BLACK,UL94V-0.
- 1.2 CONTACT: C5210, INTEGRAL NICKEL BASE 50u"MIN, GOLD (SEE P/N) PLATED.

2. ELECTRICAL:

- 2.1 CURRENT RATING: 2.5A WITH 27AWG.
- 2.2 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC/MINUTE.
- 2.3 CONTACT RESISTANCE: 20mΩ MAX.
- 2.4 INSULATION RESISTANCE: 1000MΩ MIN.
- 2.5 OPERATION TEMPERATURE:-55°C TO +125°C.
- 2.6 Wire Size: 18 AWG ~ 27 AWG

3.ALL MATERIALS MUST BE ROHS MATERIALS

4.ORDER INFORMATION:

61HD- F XXX SX 230 C 01

F=母座

Pin数码

SEE TABLE
006=2*3PIN
~
100=2*50PIN

端子电镀:

S0=Gold Flash
S1=1u" Gold
S2=3u" Gold
S3=5u" Gold
S4=10u" Gold
S5=15u" Gold
S6=30u" Gold

塑胶高度:

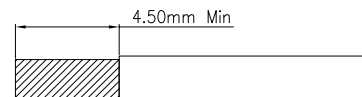
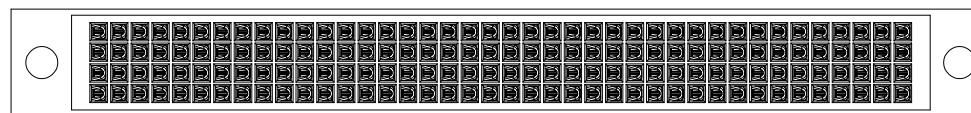
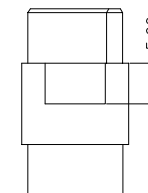
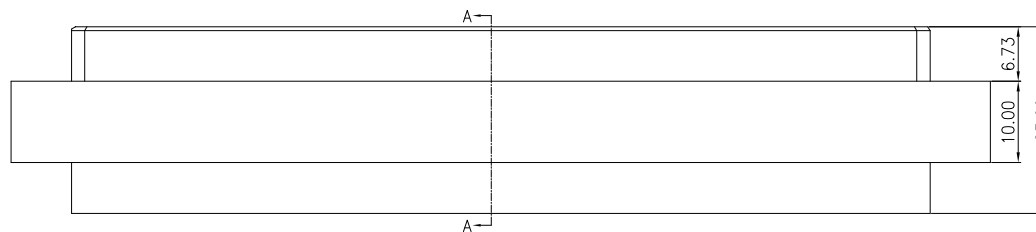
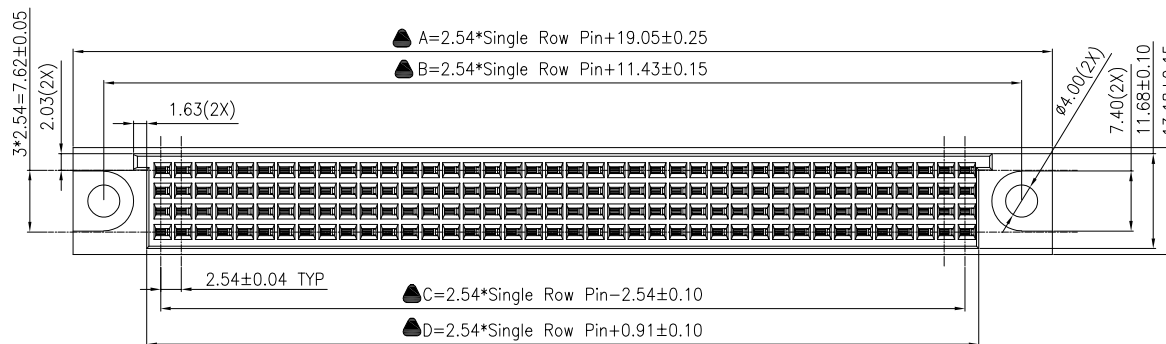
164=16.40mm

包装方式:

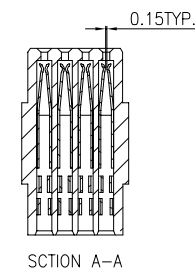
C=TRAY

TABLE

No. OF PIN	A	B	C	D
120=4x30PIN	95.25	87.63	73.66	77.11
128=4x32PIN	100.33	92.71	78.74	82.19
140=4x35PIN	107.95	100.33	86.36	89.81
160=4x40PIN	120.65	113.03	99.06	102.51
180=4x45PIN	133.35	125.73	111.76	115.21
200=4x50PIN	146.05	138.43	124.46	127.91
220=4x55PIN	158.75	151.13	137.16	140.61
240=4x60PIN	171.45	163.83	149.86	153.31
260=4x65PIN	184.15	176.53	162.56	166.01
280=4x70PIN	196.85	189.23	175.26	178.71



POWER CABLE
STRIPPING DIMNSIONS



					OPERATION	DRAW	Mr.Zeng	2026.06.22	SOLEPIN 东莞市硕品电子有限公司 PROFESSIONAL CONNECTOR DONGGUAN SOLEPIN ELECTRONICS CO., LTD.			
					X.X ±0.40	DESIGN	Mr.Zeng	2026.06.22				
					X.XX ±0.25	CHECK	Mr.Deng	2026.06.22				
					X.XXX ±0.15	APPROVE	Mr.Wang	2026.06.22				
AO			NEW		Angle ±3°				SHEET	1/1	TITLE:	61HD- F XXX SX 230 C 01
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	APPROVE	DIM. TOL	UNIT	mm	SCALE	1:1	PROJ.	DRAW NO.	SP-2096